## Figure 1, page 1 Ecor I

The proof of the control of the cont

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-4152	AGGAATTCAT	CCATTTAAAT	CATACAATTT	AATGGCTTTT	AGTATATTCA
-4102	AGGTTGTGC : <hnf-3 f<="" td=""><td>ATCCATCACA</td><td>ATCCATTTTA SREBP&gt;</td><td>GAACAGTTTT</td><td>ATTACTCCAA</td></hnf-3>	ATCCATCACA	ATCCATTTTA SREBP>	GAACAGTTTT	ATTACTCCAA
-4052	AAAT <u>AAAC</u> CC	TGCATTCCTT	AGCCA <u>TCAC</u> C NF-Y>	CCCCAACATC	CTCCATCCTC
-4002	CTTCCAAGCC.	CTGGGCAACC	A <u>CCAA</u> TCTAC	TTTCTGTCTC	TATAAATTTG
-3)952	CCAATTCTGG <nf\y< th=""><th>ACATTTCATA <irf-2< th=""><th>TAAATGGAAG</th><th>CAAACAACAT</th><th>GTGAGACTTT</th></irf-2<></th></nf\y<>	ACATTTCATA <irf-2< th=""><th>TAAATGGAAG</th><th>CAAACAACAT</th><th>GTGAGACTTT</th></irf-2<>	TAAATGGAAG	CAAACAACAT	GTGAGACTTT
-3902	GTGACTGGCT	GCTTTCACTT	AGCATTCTAT	TTTTAAGGCT	CATTATGTTA
-3852	CAGTACTTAG	CAGTACTTČA	TTCTTTTTTA	TTCTCAAATG	${\tt GTATTCCACT}$
-3802	GTGTGGGTAT	CCCATATCAT	ATTATTAGAG	ACAGGTTCTC	ACTCTGTCAC
-3752	CCAGGCTGGA	GTGCAGTGGC <pre>\$REBP</pre>	ACAATCATAG	CTCACTGTAA	CCTCAAAC1'C
-3702	CTGGGCTCAA	GTGATCCTAC	TACCTCAGCC	TCCAGAGTAG	CTAGGACTAC <irf-1< th=""></irf-1<>
-3652	AGGCACACAC	AGCCATACCT	GGCTAATTTT	TTTTTTTAAT	$\underline{TTTC} \underline{ATTTTA}$
-3602	TGTATTCATT	TTCTTTCTTT	TTTGTTGTTG	TTGTTTTGAG	ATAGGGTCTC
-3552	ACTTTGTTAC	CCAGGCTGGA <sr< th=""><th></th><th>ATGGTGACAG</th><th>CTGAGCAGCC</th></sr<>		ATGGTGACAG	CTGAGCAGCC
-3502	TTGACTTCCT	GGGCTCAA <u>GT</u>	<del></del>	CCTCAGCCTC	CCAAGTAGCT
-3452	GGGACTACAA	ACACGTGT		CTGATATTTT	TTTTCTTGAA
-3402	ACAGGGTATC c1	ACTCTGTTG	CCAGGCTGGA	GTACAGTGGC	GTAATAATAG
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-3352	CTCACTGCAG	CC'ICCCCTCC	TGGGCTCAAG		GCCTCAGCAT
-3302	CTCACTGCAG CCTGAGTAGC	TGGGACTACA	GGCTTGTGCC	ACCAGGCCCA	GCTAAGTTTT
-3302 -3252	CTCACTGCAG CCTGAGTAGC AAAAAATGAT	TGGGACTACA TTTTGGTATA	GGCTTGTGCC GAGGAGGTCT	ACCAGGCCCA TGCTATGTTG	GCTAAGTTTT CTCAGGCTGT SREBP>
-3302	CTCACTGCAG CCTGAGTAGC	TGGGACTACA	GGCTTGTGCC GAGGAGGTCT	ACCAGGCCCA TGCTATGTTG GTTGCCATGA <ap-1< th=""><th>GCTAAGTTTT CTCAGGCTGT SREBP&gt; TCCCCCCCACC</th></ap-1<>	GCTAAGTTTT CTCAGGCTGT SREBP> TCCCCCCCACC
-3302 -3252	CTCACTGCAG CCTGAGTAGC AAAAAATGAT ATTTTTATTG	TGGGACTACA TTTTGGTATA	GGCTTGTGCC GAGGAGGTCT	ACCAGGCCCA TGCTATGTTG GTTGCCATGA	GCTAAGTTTT CTCAGGCTGT SREBP> TCCCCCCCACC
-3302 -3252 -3202	CTCACTGCAG CCTGAGTAGC AAAAAATGAT ATTTTTATTG	TGGGACTACA TTTTGGTATA TTGAGACAAG	GGCTTGTGCC GAGGAGGTCT GTCTCACTAT TCTTATCTGT	ACCAGGCCCA TGCTATGTTG GTTGCCATGA <ap-1< td=""><td>GCTAAGTTTT CTCAGGCTGT SREBP&gt; TCCCCCCCACC</td></ap-1<>	GCTAAGTTTT CTCAGGCTGT SREBP> TCCCCCCCACC
-3302 -3252 -3202 -3152	CTCACTGCAG CCTGAGTAGC AAAAAATGAT ATTTTATTG TCCACTTCCC ATTTAGGTTG ATTCATGTAT	TGGGACTACA TTTTGGTATA TTGAGACAAG AAAGTGCTCA	GGCTTGTGCC GAGGAGGTCT GTCTCACTAT TCTTATCTGT <rar-α1< th=""><th>ACCAGGCCCA TGCTATGTTG GTTGCCATGA <ap-1 tcattagtca="" tgaataatac="" th="" tttcatttct<=""><th>GCTAAGTTTT CTCAGGCTGT SREBP&gt; TCCCCCCACC GTTGACAGAC</th></ap-1></th></rar-α1<>	ACCAGGCCCA TGCTATGTTG GTTGCCATGA <ap-1 tcattagtca="" tgaataatac="" th="" tttcatttct<=""><th>GCTAAGTTTT CTCAGGCTGT SREBP&gt; TCCCCCCACC GTTGACAGAC</th></ap-1>	GCTAAGTTTT CTCAGGCTGT SREBP> TCCCCCCACC GTTGACAGAC
-3302 -3252 -3202 -3152 -3102	CTCACTGCAG CCTGAGTAGC AAAAAATGAT ATTTTATTG TCCACTTCCC ATTTAGGTTG ATTCATGTAT	TGGGACTACA TTTTGGTATA TTGAGACAAG AAAGTGCTCA TTTCCACTTT	GGCTTGTGCC GAGGAGGTCT GTCTCACTAT TCTTATCTGT <rar-α1 tt<u="">GACCATTA</rar-α1>	ACCAGGCCCA TGCTATGTTG  GTTGCCATGA	GCTAAGTTTT CTCAGGCTGT SREBP> TCCCCCCCACC GTTGACAGAC TCCAGTGAAT
-3302 -3252 -3202 -3152 -3102 -3052	CTCACTGCAG CCTGAGTAGC AAAAAATGAT ATTTTATTG TCCACTTCCC ATTTAGGTTG ATTCATGTAT TATCTAGGAG	TGGGACTACA TTTTGGTATA TTGAGACAAG AAAGTGCTCA TTTCCACTTT ACATTTGTGT	GGCTTGTGCC GAGGAGGTCT GTCTCACTAT TCTTATCTGT <rar-α1 tt<u="">GACCATTA GGGCATATGT GGATCCCGGG</rar-α1>	ACCAGGCCCA TGCTATGTTG  GTTGCCATGA <ap-1 <="" c="" taatattttg="" tcattagtca="" td="" tgaataatac="" tttcatttct=""><td>GCTAAGTTTT CTCAGGCTGT SREBP&gt; TCCCCCCACC GTTGACAGAC TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-β&gt;</td></ap-1>	GCTAAGTTTT CTCAGGCTGT SREBP> TCCCCCCACC GTTGACAGAC TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-β>
-3302 -3252 -3202 -3152 -3102 -3052 -3002	CTCACTGCAG CCTGAGTAGC AAAAAATGAT ATTTTATTG TCCACTTCCC ATTTAGGTTG ATTCATGTAT TATCTAGGAG TTCAGGGGAA	TGGGACTACA TTTTGGTATA TTGAGACAAG AAAGTGCTCA TTTCCACTTT ACATTTGTGT TGGAATTGCT	GGCTTGTGCC GAGGAGGTCT  GTCTCACTAT  TCTTATCTGT <rar-\alpha1 ggaaaatgaa<="" gggcatatgt="" gggtcccggg="" td="" ttgaccatta=""><td>ACCAGGCCCA TGCTATGTTG  GTTGCCATGA <ap-1 c="" gcatgtttag<="" taatattttg="" tcattagtca="" td="" tgaataatac="" tttcatttct=""><td>GCTAAGTTTT CTCAGGCTGT SREBP&gt; TCCCCCCCACC GTTGACAGAC TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-β&gt; AAATCAGCAA</td></ap-1></td></rar-\alpha1>	ACCAGGCCCA TGCTATGTTG  GTTGCCATGA <ap-1 c="" gcatgtttag<="" taatattttg="" tcattagtca="" td="" tgaataatac="" tttcatttct=""><td>GCTAAGTTTT CTCAGGCTGT SREBP&gt; TCCCCCCCACC GTTGACAGAC TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-β&gt; AAATCAGCAA</td></ap-1>	GCTAAGTTTT CTCAGGCTGT SREBP> TCCCCCCCACC GTTGACAGAC TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-β> AAATCAGCAA
-3302 -3252 -3202 -3152 -3102 -3052 -3002 -2952	CTCACTGCAG CCTGAGTAGC AAAAAATGAT ATTTTATTG TCCACTTCCC ATTTAGGTTG ATTCATGTAT TATCTAGGAG TTCAGGGGAA GAGTGCAGGG	TGGGACTACA TTTTGGTATA  TTGAGACAAG  AAAGTGCTCA  TTTCCACTTT ACATTTGTGT TGGAATTGCT  GAAAAACTTG	GGCTTGTGCC GAGGAGGTCT GTCTCACTAT TCTTATCTGT <rar-\alpha1 ggaaaatgaa="" ggatcccggg="" gggcatatgt="" gttttatttt<="" th="" ttgaccatta=""><th>ACCAGGCCCA TGCTATGTTG  GTTGCCATGA <ap-1 atattctgtt,<="" gcatgtttag="" taatattttg="" tcattagtca="" tgaataatac="" th="" tttcatttct=""><th>GCTAAGTTTT CTCAGGCTGT SREBP&gt; TCCCCCCCACC GTTGACAGAC  TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-β&gt; AAATCAGCAA GACAAATGTG</th></ap-1></th></rar-\alpha1>	ACCAGGCCCA TGCTATGTTG  GTTGCCATGA <ap-1 atattctgtt,<="" gcatgtttag="" taatattttg="" tcattagtca="" tgaataatac="" th="" tttcatttct=""><th>GCTAAGTTTT CTCAGGCTGT SREBP&gt; TCCCCCCCACC GTTGACAGAC  TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-β&gt; AAATCAGCAA GACAAATGTG</th></ap-1>	GCTAAGTTTT CTCAGGCTGT SREBP> TCCCCCCCACC GTTGACAGAC  TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-β> AAATCAGCAA GACAAATGTG
-3302 -3252 -3202 -3152 -3102 -3052 -3002 -2952 -2902	CTCACTGCAG CCTGAGTAGC AAAAAATGAT ATTTTATTG TCCACTTCCC ATTTAGGTTG ATTCATGTAT TATCTAGGAG TTCAGGGGAA GAGTGCAGGG CAGTTTGATG	TGGGACTACA TTTTGGTATA  TTGAGACAAG  AAAGTGCTCA  TTTCCACTTT ACATTTGTGT TGGAATTGCT  GAAAAACTTG GTTTTCGGA	GGCTTGTGCC GAGGAGGTCT  GTCTCACTAT  TCTTATCTGT <rar-\alpha1 ggaaaatgaa="" ggatcccggg="" gggcatatgt="" gttttatttt="" th="" ttatactaag<="" ttgaccatta=""><th>ACCAGGCCCA TGCTATGTTG  GTTGCCATGA</th><th>GCTAAGTTTT CTCAGGCTGT SREBP&gt; TCCCCCCACC GTTGACAGAC TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-\$&gt; AAATCAGCAA GACAAATGTG GAATTAAGGC</th></rar-\alpha1>	ACCAGGCCCA TGCTATGTTG  GTTGCCATGA	GCTAAGTTTT CTCAGGCTGT SREBP> TCCCCCCACC GTTGACAGAC TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-\$> AAATCAGCAA GACAAATGTG GAATTAAGGC
-3302 -3252 -3202 -3152 -3102 -3052 -3002 -2952 -2902 -2852	CTCACTGCAG CCTGAGTAGC AAAAAATGAT ATTTTATTG TCCACTTCCC ATTTAGGTTG ATTCATGTAT TATCTAGGAG TTCAGGGGAA GAGTGCAGGG CAGTTTGATG TGGAATAGGG	TGGGACTACA TTTTGGTATA  TTGAGACAAG  AAAGTGCTCA  TTTCCACTTT ACATTTGTGT TGGAATTGCT  GAAAAACTTG GTTTTTCGGA AAGATACAAG	GGCTTGTGCC GAGGAGGTCT  GTCTCACTAT  TCTTATCTGT <rar-\alpha1 ggaaaatgaa="" ggatcccggg="" gggcatatgt="" gttttatttt="" th="" ttatactaag<="" ttgaccatta=""><th>ACCAGGCCCA TGCTATGTTG  GTTGCCATGA</th><th>GCTAAGTTTT CTCAGGCTGT SREBP&gt; TCCCCCCACC GTTGACAGAC TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-\$&gt; AAATCAGCAA GACAAATGTG GAATTAAGGC</th></rar-\alpha1>	ACCAGGCCCA TGCTATGTTG  GTTGCCATGA	GCTAAGTTTT CTCAGGCTGT SREBP> TCCCCCCACC GTTGACAGAC TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-\$> AAATCAGCAA GACAAATGTG GAATTAAGGC
-3302 -3252 -3202 -3152 -3102 -3052 -3002 -2952 -2902 -2852	CTCACTGCAG CCTGAGTAGC AAAAAATGAT ATTTTATTG TCCACTTCCC ATTTAGGTTG ATTCATGTAT TATCTAGGAG CAGTTCAGGGGAA GAGTGCAGGG CAGTTTGATG TGGAATAGGG NF TAAGGAGCTT	TGGGACTACA TTTTGGTATA  TTGAGACAAG  AAAGTGCTCA  TTTCCACTTT ACATTTGTGT TGGAATTGCT  GAAAAACTTG GTTTTTCGGA AAGATACAAG CGTTCAGAGT '-1> GGCTGTAAAC	GGCTTGTGCC GAGGAGGTCT GTCTCACTAT TCTTATCTGT <rar-α1 <hnf3-β="" aaaataataa<="" aaaatcatga="" ggaaaatgaa="" ggatcccggg="" gggcatatgt="" gttttatttt="" th="" ttatactaag="" ttgaccatta=""><th>ACCAGGCCCA TGCTATGTTG  GTTGCCATGA <ap-1 agcactttga="" agcactttga<="" atattctgtt="" gcatgttag="" taatattttg="" tcattagtca="" tgaataatac="" tgagaagtca="" th="" tttcatttct=""><th>GCTAAGTTTT CTCAGGCTGT SREBP&gt; TCCCCCCCACC GTTGACAGAC  TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-β&gt; AAATCAGCAA GACAAATGTG GAATTAAGGC ATACCAAAAT  TTTTTTTTT</th></ap-1></th></rar-α1>	ACCAGGCCCA TGCTATGTTG  GTTGCCATGA <ap-1 agcactttga="" agcactttga<="" atattctgtt="" gcatgttag="" taatattttg="" tcattagtca="" tgaataatac="" tgagaagtca="" th="" tttcatttct=""><th>GCTAAGTTTT CTCAGGCTGT SREBP&gt; TCCCCCCCACC GTTGACAGAC  TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-β&gt; AAATCAGCAA GACAAATGTG GAATTAAGGC ATACCAAAAT  TTTTTTTTT</th></ap-1>	GCTAAGTTTT CTCAGGCTGT SREBP> TCCCCCCCACC GTTGACAGAC  TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-β> AAATCAGCAA GACAAATGTG GAATTAAGGC ATACCAAAAT  TTTTTTTTT
-3302 -3252 -3202 -3152 -3102 -3052 -3002 -2952 -2902 -2852 -2802	CTCACTGCAG CCTGAGTAGC AAAAAATGAT ATTTTATTG TCCACTTCCC ATTTAGGTTG ATTCATGTAT TATCTAGGAG CAGTTCAGGGGAA GAGTGCAGGG CAGTTTGATG TGGAATAGGG NF TAAGGAGCTT	TGGGACTACA TTTTGGTATA  TTGAGACAAG  AAAGTGCTCA  TTTCCACTTT ACATTTGTGT TGGAATTGCT GAAAAACTTG GTTTTTCGGA AAGATACAAG CGTTCAGAGT '-1>	GGCTTGTGCC GAGGAGGTCT GTCTCACTAT TCTTATCTGT <rar-α1 <hnf3-β="" aaaataataa<="" aaaatcatga="" ggaaaatgaa="" ggatcccggg="" gggcatatgt="" gttttatttt="" th="" ttatactaag="" ttgaccatta=""><th>ACCAGGCCCA TGCTATGTTG  GTTGCCATGA <ap-1 agcactttga="" agcactttga<="" atattctgtt="" gcatgttag="" taatattttg="" tcattagtca="" tgaataatac="" tgagaagtca="" th="" tttcatttct=""><th>GCTAAGTTTT CTCAGGCTGT SREBP&gt; TCCCCCCCACC GTTGACAGAC  TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-β&gt; AAATCAGCAA GACAAATGTG GAATTAAGGC ATACCAAAAT  TTTTTTTTT</th></ap-1></th></rar-α1>	ACCAGGCCCA TGCTATGTTG  GTTGCCATGA <ap-1 agcactttga="" agcactttga<="" atattctgtt="" gcatgttag="" taatattttg="" tcattagtca="" tgaataatac="" tgagaagtca="" th="" tttcatttct=""><th>GCTAAGTTTT CTCAGGCTGT SREBP&gt; TCCCCCCCACC GTTGACAGAC  TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-β&gt; AAATCAGCAA GACAAATGTG GAATTAAGGC ATACCAAAAT  TTTTTTTTT</th></ap-1>	GCTAAGTTTT CTCAGGCTGT SREBP> TCCCCCCCACC GTTGACAGAC  TCCAGTGAAT GTTGGGTTTA ACAGGCAGAG EBP-β> AAATCAGCAA GACAAATGTG GAATTAAGGC ATACCAAAAT  TTTTTTTTT

	Figure	1, page 2				
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,	-2602	GCTTCAGCCT	CCCAAGTAGC		GGCACT <u>TCCC</u> B> <irf-1< td=""><td>ACCATGCCCA</td></irf-1<>	ACCATGCCCA
	-2552	GCTGATTTTT	GTATTTTTAG	TAGAGATGGG	ATTTCACTTT	GTTGGCCAAG
	-2502		ACTTTTTGCT	•		
	`		AP-2>		IF3-β	
	-2452	GCTGAGGTAG	GGCCCCAGA		•	AATCCAAATC
	-2402	•	TTTGACCACT		····	
/ 🞾	7			C2		
(25)	1			Taq I		
$O(\gamma)$	/			~~~~	IRF-2>	
(C)	-2352	CTCAGGAGTA	GAGGTGATCT <whn< td=""><td>CTGC<b>T</b>CGAAA</td><td>GA<u>GAAA</u>TAGA</td><td>ATGAAAATAT</td></whn<>	CTGC <b>T</b> CGAAA	GA <u>GAAA</u> TAGA	ATGAAAATAT
	-2302	TCTCCGGGCC	AGGCGTGGTG	GCTCATGCCT T3R>	GTAATCCCAG	CACTTTGGGA
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			SREBP:			
11-34 11-11 11-11	-2252	GGCCAAGGCA		•	GAGTTCAAAA	CCAGCCTGGC
		CAACATGGTG	•			
}-±		GTGGTGGCGC				
	2,02	010010000		100011001110	· Pax-	
44	-2052	AATTTCTTGA	ACCCGGGAGG	CAGAGGTTGC	AGTGAAGCGA	GATCACACCA
		•	<ap-2< td=""><td>\</td><td><del></del></td><td><hnf-3 fkh-2<="" td=""></hnf-3></td></ap-2<>	\	<del></del>	<hnf-3 fkh-2<="" td=""></hnf-3>
	-2002	CTGCACTCCA	GCCTG <u>GGGG</u> A	GAGAGCGAGA	CTTCCTCTCA	AAAA <u>AACA</u> AA
<b>:</b>			C/EBP-	3> <b>\</b> <ch0< td=""><td>OP</td><td></td></ch0<>	OP	
	-1952	AAACAAAAGA	ATTAA <u>GCAA</u> A	TTAGACAT <u>TG</u>	<u>CA</u> GAGAGAAC	CTGAAGGG <u>GG</u>
en#		RAR-α1>			<nf-1< td=""><td>Pax-6&gt;</td></nf-1<>	Pax-6>
94.4 ##5	-1.902	<u>TC</u> AGACCACG	TACAGATTTC	TGTGCCACAT	<b>GCCA</b> AGTACT	TCTG <u>AGGC</u> AT
and gern green and a creek	-1852	GACTGGATGA	GCTGTCCACA	TCTGAAATOA	TCCAGTCTTG	TTCAGAACTT
				. \	\	RAR-α1>
#r-	-1802	TCACACCGGA NF-	CAGGGAGCCA 1> <er< td=""><td>GGAC'IGGAAT</td><td>CCAGTCTCCT <nf-1< td=""><td><u>GGTC</u>ACTGGC</td></nf-1<></td></er<>	GGAC'IGGAAT	CCAGTCTCCT <nf-1< td=""><td><u>GGTC</u>ACTGGC</td></nf-1<>	<u>GGTC</u> ACTGGC
	-1752	CAGAGAGT <u>TG</u>	<u>GC</u> CT <u>TGAC</u> CC <rel< td=""><td>TGAGACCAGT</td><td>G<u>GCCA</u>ACAAA</td><td>GGAGCTGCTT AP-1&gt;</td></rel<>	TGAGACCAGT	G <u>GCCA</u> ACAAA	GGAGCTGCTT AP-1>
	-1702	AGTCTACCTC	CCA <u>GGAA</u> ATC	CCAGGTGCTT	GTCTTCCTGG	
	-1652		CACTCCGTAT	TTTCTCCTCT	TCCCAGGGGA	AGGATCCTAG
	-1602	GGCAGTATTT	GGGAAAGACA C3	TGGGCATGGA	,	GTGAATGCAT
			Sac I			
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	-1552	AGCCTGCCTG	GTTCT <b>G</b> AGCT	CTCATGGTAA	GGCTCCTACA	GACACGGAAA
		AGATGGGGGC				\
	-1452		GGTCCTGAGC			\
	1172	1.0000mimi	2312210/100	<creb< td=""><td></td><td><er< td=""></er<></td></creb<>		<er< td=""></er<>
	-1402	GTTTCTGGGC	TCAACTGCCA		TTACTGGTTG	`
		GGGCAAGTTA				

## Figure 1, page 3 C4 Kpn I

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	-1302	ATAATGG <b>G</b> GT .	ACCCACCTCC NF-1>	CAGGGTCACA	GAGAGGCTTA	CAGAAAACGA
	-1252	TTCTTGTGAA	T <u>TGGC</u> TTGCA <ppar-< td=""><td></td><td>AATACCTGCC</td><td>AGCTATTCTT <oct-1< td=""></oct-1<></td></ppar-<>		AATACCTGCC	AGCTATTCTT <oct-1< td=""></oct-1<>
	-1202	ATTCCACATC			TGGGTGAAAA	
		CREB/	ATF> <stat< td=""><td><c h<="" td=""><td>ВР-β</td><td></td></c></td></stat<>	<c h<="" td=""><td>ВР-β</td><td></td></c>	ВР-β	
	-1152	TGTTTCCTGA	CGGTTTCCAC	AAAGAAGATT	CCAAAATTAC	AACCTGCCAG
	-1102	TCTGAAGAAT		<del></del>		
			<sp-1< td=""><td></td><td></td><td></td></sp-1<>			
		NF-kB>	<nf-kb< td=""><td></td><td></td><td></td></nf-kb<>			
	-1052	GGGAT <u>GGGA</u> C	T <u>GCCC</u> GCCCG	GGTCCTGAAC	AGGATGCGTG Ets-1>	CGCGCAGGĆA
,	-1002	CACACACACC .	AGCCAGCCTG	TGTGTGCGGC	CGGAGTCCGG	TGCGGTCCCG
#1 *1	•		<myc max<="" td=""><td></td><td></td><td></td></myc>			
=2 =4			<whn< td=""><td>SP-1&gt;</td><td></td><td></td></whn<>	SP-1>		
es es	-952	GGTGAGCAGC	<u>GCGT</u> GGCTGG	· · · · · · · · · · · · · · · · · · ·	AGAGCCATTG	TTCGCAGGCG
n				C5		
-,]				Sma I	377 l-D	arm lan relaca
	000	ma	ододадатаа	<b>a</b> aaaaaa, aaa	NF-kB>	<nf-kb<whn< td=""></nf-kb<whn<>
ñ	-902	TACCGAGCCC	CCCGCGCTCG	CCCGGGAGGG	AGGC <u>GGGG</u> CT	Myc/Max>
Ē				<nf1< td=""><td></td><td>Whn&gt;</td></nf1<>		Whn>
<b>-</b> -4	-852°	CCAAGCTCCA	GATCCTGGGG	1 .	GTCTCCCTGC	
	0.52	<ap-2< td=""><td></td><td><u>.</u>0001<u>0001.</u>0</td><td>0101000100</td><td> c8</td></ap-2<>		<u>.</u> 0001 <u>0001.</u> 0	0101000100	c8
[1]	-802	GGGGGACGGG	AAGACGGGAC	GGAGATGTTA	GTGGTGGGCG	CCCCCGAGG ,
[]			<rfx-1 rf<="" td=""><td>X-1&gt; NF-kB&gt;</td><td></td><td>·**</td></rfx-1>	X-1> NF-kB>		·**
	- 752	GTTCACCACT	G <u>TTTC</u> CTGA <u>G</u>	<u>AAA</u> CT <u>TCCC</u> C	AGTGCCCACC	CACCCGTTCT
þ=h		AP-2>				
	-702	CCGTGTG <u>CCC</u>	<u>G</u> AGGGCCGGT	CCTGGGCTAG		
					Whn>	c9
	-652	ACCGGGTCCC		CAGAGAGAAA	GCTCCCG <u>ACG</u>	
	600	AP-2		maaaaaaaa		ISRE>
	-602	GGCAGAGG <u>CC</u> SP1>	<u>CA</u> GCGGCGGG	IGGAAGAGAA	RFX1> SREBP>	A <u>GAAA</u> CAGA <u>G</u>
	-552	GGGAGGGGA	GCGAGGAGCT	GGCGGCAGAG		ΔͲͲϾϹϾϹϹϾΔ
	332	O <u>OOAO</u> OOOOA	dedrideridei	GGCGGCHGHG	<u>ouri</u> e <u>rocho</u>	<nf-1< td=""></nf-1<>
						c6 NF-Y>
		<nf-1 <b="">C10</nf-1>				Eae I CREB>
		NF-Y> RFX-1	` \			~~~~~ AP-1>
	-502	GCCAATGGCA_	<u>A</u> CGGCAGGAC	GAGGTGGCAC	CAAATTCCCT	T <b>C</b> GG <u>CCAA</u> TG
			<c ebp-β<="" td=""><td>&lt;0ct-1</td><td></td><td>GC box&gt;</td></c>	<0ct-1		GC box>
	-452	<u>AC</u> GAGCCGGA	G <u>TTTAC</u> AGAA	GCCTCATTAG	CATTTCCCCA	GA <u>GGCA</u> GGG
				EBV>		
	-402	CAGGGGCAGA	GGCCGGGTGG	TGT <u>GGT</u> GTCG	GTGTCGGCAG	CAT <u>CCCC</u> GGC

Figure 1, page 4 <VDR/RXR <SP-1 GCCTGCTGC GGTCGCCGCG AGCCTCGG<u>CC TC</u>TGTCTC<u>CT CC</u>CCCTCC<u>CG</u> C7 Hinc II <N-Myc Myc/Max> <PPAR $-\alpha$ Whn> <AP-1 HNF4> -302 <u>CC</u>CTTACĈŢC C<u>ACGC</u>GGGAC CGCCCGCGC A<u>GTCA</u>ACTCC TCGCAC<u>TTTG</u> <NF-Y  $C/EBP-\beta>< E2$ NF1> TATA> ┌ <Rel <AP-1 Ets-1> CCCCTGCTTG GCAGC&GATA AAAGGGGGGCT GAGGAAATAC CGGACACGGT <RFX1 <0ct-6 145 Whn> < NF - 1TATA> CACCCGTTGC CAGCTCTAGC CYTTAAATTC CCGGCTCGGG GACCTCCACG  $\mathbb{C}$ Sac II CACCGCGGCT AGCGCCGACA ACCAGCTAGC GTGCAAGGCG CCGCGGCTCA (1) -102 GCGCGTACCG GCGGGCTTCG AAACCGCAGT CCTCCGGCGA CCCCGAACTC CGCTCCGGAG CCTCAGCCCC CTGGAAAGTG ATCCCGGCAT CCGAGAGCCA -52 M M M P A H L L Q D D V S Α M Ь AGATGCCGGC CCACTTGCTG CAGGACGATG TGAGTTTCC AGCCTGGCCC 18 28

<u>Figure 2</u>				
	<arnt< th=""><th><ets-1< th=""><th></th><th></th></ets-1<></th></arnt<>	<ets-1< th=""><th></th><th></th></ets-1<>		
	< N-Myc	NF-1>	< PI	$PAR-\alpha$
	Myc/Max>	<sp-1< th=""><th><vdr< th=""><th></th></vdr<></th></sp-1<>	<vdr< th=""><th></th></vdr<>	
	Whn>	$<\!NF\!-\!kB$	< <i>F</i>	INF - 4
mSCD1\(-298)	ACCTCCACGCCTGG	CTTCCTTGGCTAGC	CTATCTCTGCGCTCTT	.TA
	:::::::::::::::::::::::::::::::::::::::	: :: ::	: ::: ::: :::	:
pscd ( <sub>7</sub> ≤88)	ACCTCCACGCGGGA	CCGCCCGCGCCAGT	${\it CCAACTCCTCGCACTI}$	$\Gamma TG$
			VDR>	
			Ets-1>	
`	AP-	4>	<c-rel< th=""><th></th></c-rel<>	
		TATA>	$C/EBP-\beta>$	
			<hnf3-β< th=""><th></th></hnf3-β<>	
mSCD1 (-253)	CCCTTTGCTGGCAG	CCGATAAAAGGGGG	CTGAGGAAA TACTGA	łAC
	:::::	: :::::::::::::::::::::::::::::::::::::	<u>:::::::::::::::::::::::::::::::::::::</u>	::
hSCD (-253)	CCCCTĠCTTGGCAG	CGGATAAAAGGGG	CTGAGGAAATACCG	GAC ·
	$RAR-\alpha i$			
	$\mathit{USF}>$	<nf-1< th=""><th></th><th>:s-1&gt;</th></nf-1<>		:s-1>
	< <b>AP-1</b>	FX-1	<b>TATA&gt;</b> < <i>Ets-1</i> <	:AP-2
mSCD1 (-208)	ACGGTCATCCCATC	GCCTGCTCTACCCT	TTAAAATCCCAGCCC	:AG
		<u> </u>		
hSCD (-207)	ACGGTCA-CCCGTT	GCCAGCTCTAGCC1	TTAAATTCCCGGCTC	C - G
	<gata3<i>Whn&gt;</gata3<i>			
mSCD1 (-163)	GAGATCTGTGCACA	GCCAGACCGGGCTC	GAACACCCATCCCGAC	₿AG
	: :: :: :: ::	: : : : : : : : : : : : : : : : : : : :		:
hSCD (-164)	GGGACCTCCACGCA	CCGCGGCTAGCGC	CGACAACCAGCTAGCC	$\Im TG$
		. \		
	mar aar aaaar aam			77.0
msCDI (-118)	TCAGGAGGGCAGGT	\	CCGCCACTCGCCTAC	AC
hscn (_110)	CAACGCGCCGCGC	: ::::::::::::::::::::::::::::::::::::		:: \2 <i>C</i>
TIDOD ( IID)	CAAUGCGCCGCGC	ICAGCGC-GIA	ARD31136036351	IAC
mSCD1 (-73)	CAACGGGCTCCGGA	A – – - CCGAAGTCCA	CGCTCGATC-TCAGC	AC .
, ,	: ::::::	:::::	: : : : : : : : : : : : : : : : : : : :	:
hSCD (-78)	CGCAGTCCTCCGGC		GCTCCGGAGCCTCAGC	CC
, ,	•			
			+1	
mSCD1 (-32)	TG-GGAAAGTGAGG	CGAGCAACTGACTA	TCATC <u>ATG</u>	
			`	

hscd (-33) cctggaaagtgatcccggcatccgagagccaag<u>atg</u>

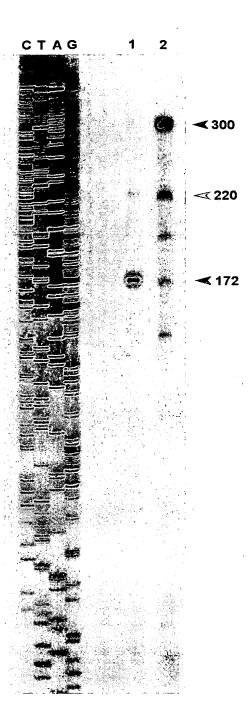
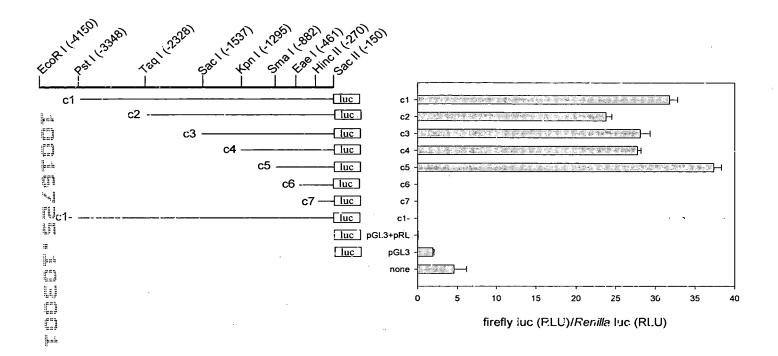
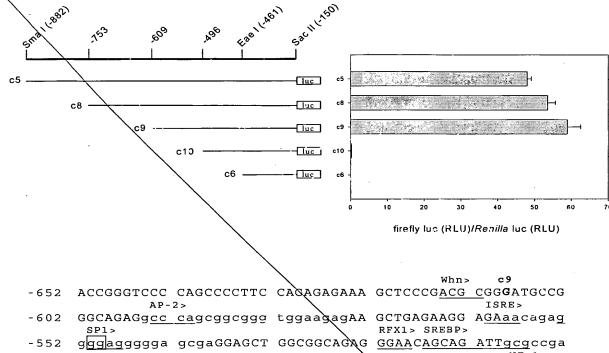


Figure 3

Figure 4





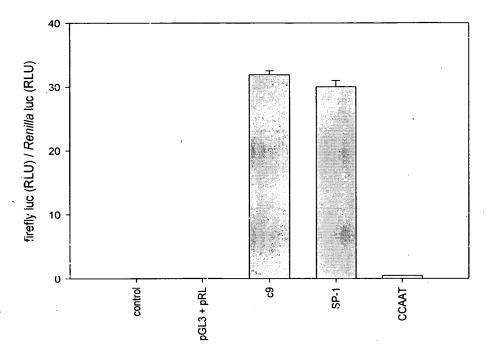
536/

-602 GGCAGAGgcc cagcggcggg tggaagagAA GCTGAGAAGG AGAaacagag
SP1>
-552 gggaagggaa gcgaGGAGCT GGCGGCAGAG GGAACAGCAG ATTgcgccga
-NF-1

C6 NF-Y>
SAP-1>
-502 gccaatggca acggCAGGAC GAGGTGGCAC CAAATTCCCT TCGGCCAATG
-C/EBP-β -COCt-1

ACGAGCCGGA GTTTACAGAA GCCTCATTAG CATTTCCCCA GAGGCAGGGG





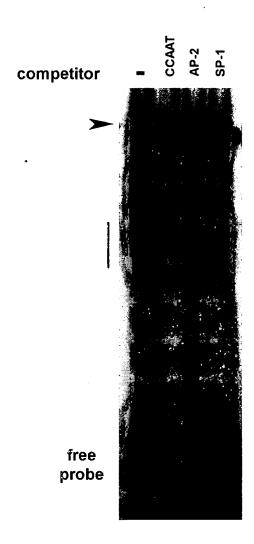


Figure 7

		AP-4>
		IK2> SRE>
`		IK2> RFX-1>
mSCD1	(-810)	$\tt GGGAGGAGAGCGGAGAGCTAGAGGCAGAGGGAAC \textbf{AGC}$
mSCD2	(-487)	CGGAGGAGGGGGGGGGAGCTGGAGGCAGAGGGAACAGC
hSCD	(-552)	GGGAGG-GGGAGCGAGGGAGCAGCGGCAGAGGGAACAGC
		CCAAT>
		NF-Y>
		$<$ NF $^{-}$ 1 $<$ $\Delta$ EF $^{-}$ 1
mSCD1	(-571)	<b>AGATTGCG</b> CCTAGCCAATGGAAAAGGCAGGACAAGGTGG
mSCD2	(-448)	<b>AGATTGTG</b> CAGAGCCAATGAGAGCAGCAGGACGAGGTGG
hSCD	(-514)	<b>AGATTGCG</b> CCGAGCCAATGGCAACGGCAGGACGAGGTGG

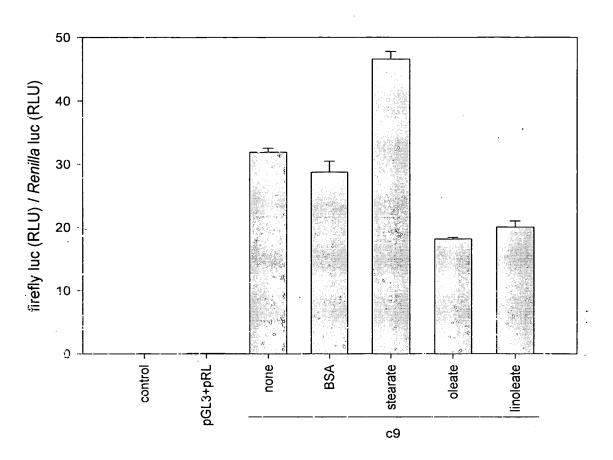


Figure 9